

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/581,860 Confirmation No. : 4636  
First Named Inventor : Ingo BORCHERS  
Filed : June 5, 2006  
TC/A.U. : Not yet assigned  
Examiner : Not yet assigned  
Docket No. : 056226.57694US  
Customer No. : 23911  
Title : Method for Reducing the Noise of Turbo Engines

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, the attached Form PTO-1449 lists documents which the Examiner may deem relevant to patentability of the claims of the above-identified application.

I. Time Period of Submission

This Information Disclosure Statement is submitted:

☒ 1) no later than three months from the application's filing date or 2) before the mailing date of the first Office Action on the merits (whichever is later) or 3) before a first Office Action after the filing of a Request for Continued Examination, and therefore no statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

☐ 2) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, a Notice of Allowance, or an action closing prosecution (*Ex parte Quayle*), (whichever is earlier), and therefore Applicant is filing concurrently herewith:

☐ a Statement under 37 C.F.R. § 1.97(e); or

☐ a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

☐ 3) after either a Final Office Action or a Notice of Allowance, but before payment of the Issue Fee, and therefore Applicant is submitting herewith:

a Statement under 37 C.F.R. § 1.97(e); and

a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

II. Statement Under 37 C.F.R. § 1.97(e)

☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or

☐ I hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or

III. Statement under 37 C.F.R. § 1.704(d)

☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

IV. Submission of Non-English Language Documents

☒ The following is a concise explanation of relevance of the non-English language documents listed in the attached Form PTO-1449:

☐ The relevance of document(s) \_\_\_\_\_ to the subject matter of the present invention is/are provided in the specification of the above-identified application.

☐ Corresponding foreign or international report(s) citing document(s) \_\_\_\_\_, together with an English-language version(s) (if not already in English) of that portion of the report(s) indicating the degree of relevance found by the foreign office(s) is/are submitted.

☒ English language family member publication(s) of document(s) AQ, AR, AV & AW is/are noted on Form PTO-1449.

☒ English language abstract(s) is/are submitted for document(s) AP, AU & AV.

☐ English translation(s) of the foreign language document(s)  
\_\_\_\_\_ is/are submitted herewith.

☒ Applicant submits the following explanations: For documents AQ and AT, Applicants submit a translation of the claims.

V. Continuations/Divisionals

☐ Documents \_\_\_\_\_ were of record in parent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, from which this application claims benefit. As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously submitted to or cited by the United States Patent and Trademark Office in the afore-mentioned parent application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, this paper should be considered as an authorization to charge Deposit Account 05-1323, Attorney Docket No.: 056226.57694US, for the fee set forth in 37 C.F.R. § 1.17(p).

March 7, 2007

Respectfully submitted,



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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/581,860
				Filing Date	June 5, 2006
				First Named Inventor	Ingo BORCHERS
				Art Unit	Not yet assigned
Examiner Name	Not yet assigned				
Sheet	1	of	2	Attorney Docket Number	056226.57694US

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	AA	US- 5,259,187	A	11/09/1993	Dunbar et al.	
	AB	US- 6,076,776	A	06/20/2000	Breitbach et al.	
	AC	US- 6,540,478	B2	04/01/2003	Fiala et al.	
	AD	US- 4,313,387		02/02/1982	Sato	
	AE	US- 5,420,383	A	05/30/1995	Kousen et al.	
	AF	US- 5,355,417	A	10/11/1994	Burdisso et al.	
	AG	US- 6,292,763	B1	09/18/2001	Dunbar et al.	
	AH	US- 3,572,960		03/30/1971	McBride	
	AI	US- 5,613,649	A	03/25/1997	Schlinker et al.	
	AJ	US- 6,139,259	A	10/31/2000	Ho et al.	
	AK	US- 6,004,095	A	12/21/1999	Waitz et al.	
	AL	US- 5,472,314	A	12/05/1995	Delonge et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				
	AM	GB-1 345 835-A	02/06/1974	Société Nationale d'Etude et de Construction de Moteurs d'Aviation		
	AN	EP 0 610 091 A1	08/10/1994	General Electric Company	Corresponds to AA	
	AO	EP 1 277 966 A2	07/11/2002	General Electric Company		
	AP	DE 103 57 075 A1	07/07/2005	Dornier GmbH		ABS
	AQ	DE 43 08 892 A1	09/22/1994	PPV-Verwaltungs- AG		Trans of claims

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	AR	DE 694 09 717 T2	11/05/1998	Société Nationale d'Etude et de Construction de Moteurs d'Aviation	Corresponds to AL	
	AS	WO 94/21914 A2	09/29/1994	PPV VERWALTUNGS AG	Corresponds to AQ	
	AT	DE 961 742	04/11/1957	KLOECKNER HUMBOLDT DEUTZ AG		Trans of claims
	AU	DE 199 09 899 A1	09/07/2000	ABB RESEARCH LTD		ABS
	AV	DE 197 12 034 A1	09/24/1998	DEUTSCH ZENTR LUFT & RAUMFAHRT	Corresponds to AB	ABS
	AW	DE 100 53 361 C1	06/06/2002	MTU AERO ENGINES GMBH	Corresponds to AC	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AX	International Search Report dated 02/24/05 w/English translation of pertinent portion (Seven (7) pages).	
	AY	Form PCT/IB/373; Form PCT/IB/326 and Form PCT/ISA/237 (Seven (7) pages).	

Examiner Signature		Date Considered	
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